



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
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JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

October 19, 2017

MEMORANDUM

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| PROJECT: | PIN 101454.01 |
| | Williamson County SR 397 (Mack Hatcher Parkway) From South of SR-96 to East of SR-106 (Hillsboro Rd) |
| SUBJECT: | CONSTRUCTABILITY REVIEW MEETING SUMMARY |
| DATE: | September 20 & 21, 2017 |
| NOTES BY: | Laura Larkins TDOT Construction Division |

A Constructability Review meeting was held on September 20th and 21st, 2017 with Construction Industry Representatives, the Consultant Design Team, TDOT Construction Division, and TDOT Region 3 Operations and Project Development staff. The scope of the review was to integrate construction expertise early into the project development process for the SR 397 new construction project.

The construction plans, utility relocation plans, bridge plans, and traffic control phasing were specifically reviewed as part of the meeting.

AGENDA:

1. Introductions
2. Purpose: Existing Conditions
3. Project Overview: Roadway, Right-Of-Way/Utilities, Structures, Traffic Control, Construction/Maintenance
4. Work Session

ACTION ITEMS:

1. Horse Farm Coordination
2. Examine CSS Commitments
3. Material Suitability Decision

SUMMARY:

Coordination with the Anderton Farm Property will be of utmost importance. Access for the horses will be obtained from temporary fencing. The horses will be forced to cross the proposed haul road, therefore a suitable material will be needed at the specified section. Project Development will choose an appropriate crossing material. The Department will need to evaluate contracting language for any liability at the horse crossing. Access to the project from the road at the Anderton Farm will not be permitted during scheduled events, however it will be allowed from the temporary bridge. The Department will ensure the dates for the special events are included in the proposal contract.

This project included a context sensitive solutions approach. Through that approach many decisions/commitments were made that need to be reevaluated. A stone facing is called out in the plans for all retaining walls and certain bridge features. A stone finish as opposed to a facing is being considered for meeting the CSS commitment. If a stone facing is required, the wall types will need to be verified that stone facing can be attached. All CSS commitments are being examined to ensure requirements are being made, but constructability and value-added should also be considered.

The project may benefit from Utility Coordination and Community Relations assistance.

The temporary bridge location shown on the plans can be changed, within TDOT ROW, however any change to the temporary bridge location will require a permit modification and would need to be requested ASAP after the project is awarded. A clearance of 6 feet must be maintained from the normal water elevation to the bottom of the temporary bridge. Concerns arose about maintaining this clearance during heavy rain and about monitoring river traffic. Signing details for the river traffic will be added to the plans.

Cut and fill quantities should be reviewed to see if any benefit could be obtained from performing all grading for future widening during construction of this project.

Current plans call for benching, which requires removal of material. An evaluation of the suitability of the soil being removed is needed to determine if it can be used as fill elsewhere.

Project Development shall ensure any notes pertaining to the new barrier rail are clear, specifically how the barrier rail is attached to the bridge.

Coordination with adjacent construction may be needed.